

Checklist for Industrial NPDES Permit Application

Bolded items are those often missed by applicants. This checklist is not all-inclusive; please read through your application thoroughly to ensure its completion prior to sending.

For all applicants

☐ **TDS and Chloride Supplement** – please note that this will require effluent testing – plan ahead to make sure you have enough time to have samples analyzed by a laboratory

☐ **Application Fee** – submit invoice and \$85 check made out to Iowa Department of Natural Resources

Form 1

☐ Owner, facility, operator, and contact information

☐ **Facility location** – Section, Township, Range and Lat/Long

☐ List of other operating permits and licenses required for the facility

☐ SIC code

☐ **Map**

☐ **Line drawing**

Form 2

☐ Description of discharge – be specific

☐ Discharge receiving stream and route of flow – include sewer lines, drainage tiles, ditches, unnamed tributaries, etc. if present

☐ **Effluent characteristics** – please note that this section will require water sampling – plan ahead to make sure you have enough time to have samples analyzed by a laboratory

☐ **Chemical Additives** – this section may take extensive calculations and/or research to determine estimates of chemical additive concentrations; please allow plenty of time to complete

☐ Descriptions of both the timing of discharge and the treatment system

Form 2F

☐ Outfall location – make sure to indicate the first receiving stream even if it is an unnamed drainage ditch

☐ Required improvements

☐ **Site Drainage Map**

☐ Description of pollutant sources

☐ **Discharge testing and stormwater flow rate** – please note that this section will require water sampling at a specific rainfall event – plan ahead to make sure you have enough time to have samples analyzed by a laboratory. Read through all the instructions and tables (at the back of Form 2F) carefully before conducting water sampling and testing.

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Form 3

☐ Sources of pollution – be sure to include the receiving stream name and route of flow. Also include sewer lines, drainage tiles, ditches, unnamed tributaries, etc. if present in the route of flow.

☐ **Facility production information**

☐ **Effluent characteristics and chemical additive information** (Section III) -- please note that this section will require water sampling, laboratory testing and calculations for the estimates of chemical additive concentrations – allow sufficient time

☐ Prior toxicity testing data

☐ **Effluent characteristics** (Section V Part A) – you must provide analytical testing results for each of the pollutants in Part A. Again, allow sufficient time for laboratory testing

☐ Effluent characteristics (Section V Parts B and C) – Please follow the instructions carefully for these two parts and determine if you need to complete Part C. Note that testing for some of these parameters is complex and time consuming; please allow enough time to complete.

Form 4

☐ Sources of pollution – be sure to include the receiving stream name and route of flow if known. Also include sewer lines, drainage tiles, ditches, unnamed tributaries, etc. if present in the route of flow.

☐ **Estimated level of facility production**

☐ Planned wastewater treatment

☐ Similar facilities

☐ **Effluent characteristics** – this section may take extensive calculations and/or research to determine estimates of pollutant concentrations; please allow plenty of time to complete

☐ **Chemical additives** – this section may take extensive calculations and/or research to determine estimates of chemical additive concentrations; please allow plenty of time to complete

Form 5

☐ Signature